

M. A. R. 57 (Rule 116)
Measurement Book

No. E

586601

Serial No. 1st Part Bill ✓

Name of work Improvements, developments and construction of kad of drain from Venkata late view layout to Yelahanka waste

Name of Contractor of nature of Agency Venkata late view layout to Yelahanka waste

Date of commencement of work Weir and Samudaya Bhavana at Ambekonogara

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and Additional floor to Someshwara Temple Samudaya Bhavana and Korakonogara Samudaya Bhavana, Additional Improvement to grade more and developmental of Babice Road in Kempgowda Ward, providing chain link fencing to Doddabettahalli Govt - school ground (sy. no-5) in Ward no-01.						
	Est cost : 700. lakhs.						
	Job Code no :- 001-93-000017						
	Name of Contractor :- SRI. SHANKARAPPA Tk. [MESPC INFRA PWD (B)]						
	Work order no :- BBMP/EE/YNK.D/EPMT-14/W.O/107/22-23						
	@ dated 08-02-23						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	1) Removing and Resetting of footpath slab and Pointing in C-M [1:3]. Qty to Paid 66.14 sqm @ Rs 263.72 = 17444.00						
	2) Cutting of tree (Excluding removal of stumps and roots of trees girths from 300 mm to 600 mm). ~~Qty to Paid~~ 20 Each @ Rs 528.32 / Each = 10527.00						
	4) Cutting of trees (Excluding removal of stumps and roots of trees girths from 600 mm to 900 mm) Qty to Paid 15.00 @ Rs 840.54 / Each = 12609.00						

Serial No.
Name of work
Name of Contractor
Date of commencement

Date 1	Full description
	5) Earthwork waste Qty to
	6) Provide metal Hand Qty to

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No. E

586602

Serial No.

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions			Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6	
5	Earthwork Excavation By manual means for draining, Canal waste weir, draft approach channels, Key trenches, Foundation					
	qty to be paid 815.42 @ RS 341.15/cum = 278181.00					
6	Providing and filling in foundation with granite / Tral Broken metal 100mm and down size with Allowed sand including Hand packing, Ramming.					
	qty to be paid ¹⁸⁰ ~~1800~~ 00 @ RS 2874.01/cum = 517322.00					

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	7) Providing and laying in position plain cement concrete for levelling course for all works in foundation - the granite/ trap/ basalt crushed grade coarse aggregates.						
	Qty to be paid 276.41 @ RS 6232.81 / cum = 1722799.00						
	8) supplying, fitting and placing un-coated TMT Bar Reinforced in substructure complete as per drawing.						
	Qty to be paid 57.32 @ RS 103435.02 / Tn = 5929087.00						

Serial No.
Name of work ...
Name of Contractor ...
Date of commencement

Date 1	Full
9)	Prov for struc Qty
13)	Provi sub and Qty

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586603

Serial No.

Name of work From To

Name of Contractor of nature of Agency

Date of commencement of work

Date 1	Full description, etc. of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
9)	Providing and laying in Position Reinforced Cement Concrete for all sub structures of building, Irrigation works, sub structure works of bridges, Drain works & other parallel works.						
	Qty to be Paid	695.41	@ RS	904.50	/cum	=	6287531.00
10)	Providing and fixing prepared reinforced cement concrete covering sbb of 10cm thick made of M20 with OPC cement with 20mm and down size grade granite metal & all aggregate.						
	Qty to be Paid	411.56	@ RS	2113.85	/sqm	=	869966.00

MEASUREMENT BOOK

Date 1	Full description, etc. of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	14) Providing and fixing precast reinforced cement concrete covering slabs of 15cm thick made of M20 with OK cement, with 20mm and down size graded granite metal qty to be paid 750.00 @ RS 2613.75/sqm = 1960313.00						
	15) Providing and fixing RCC precast cover slab of 230mm thick for drain cement concrete M20 using grade granite. qty to be paid 28.08 @ RS 5138.75/sqm = 144297.00						

Minimum

Serial No.
Name of work
Name of Contractor
Date of commencement

Date 1	Full description, etc. of work
16)	Providing and fixing precast reinforced cement concrete covering slabs of 15cm thick made of M20 with OK cement, with 20mm and down size graded granite metal qty to be paid 750.00 @ RS 2613.75/sqm = 1960313.00
18)	Providing and fixing RCC precast cover slab of 230mm thick for drain cement concrete M20 using grade granite. qty to be paid 28.08 @ RS 5138.75/sqm = 144297.00

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586604

Serial No.

Name of work From To

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Date of commencement of work

Date 1	Full description, etc. of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
16)	Providing and fixing G-I chain link fabric fencing of required width in mesh size 50x50mm including strengthening with 2mm dia wire or nuts bolts. Qty to Paid 750.00 @ RS 758-62/sqm = 568965.00						
17)	Providing and fixing structural steel works in single section, fixed with or without connecting plate, including cutting. Qty to be Paid 8648.80 @ RS 114.47/lkgs = 990029.00						

MEASUREMENT BOOK

Date 1	Full description, etc. of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
19	Providing and laying in position plain cement concrete for levelling course for all works in foundation - the granite / trap / basalt crushed graded waste aggregates.						
	Qty to be paid 9.18 @ RS 6428.08/cum = 58985.00						
20	Providing and fixing pre cast solid cement concrete kerb stones made out of m20 with top and bottom width 1140 & 165 mm respectively						
	Qty to be paid 1020.00 @ RS 517.24/mus = 527585.00						

Serial No.
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Date 1	
21	Part of work
22	Part of work
23	Part of work

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Serial No.

Name of work From To 586605

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
21)	Painting two coats after filling the surface with synthetic enamel paint in all shades. qty to be paid 160-58 @ RS 95.39/89m = 15318.00						
22)	Earthwork in surface excavation by mechanical means. for lowering & levelling the ground for all works other than foundation in all kinds of soils & upto depth. qty to be paid 3563-10 @ RS 72.94/1um = 259893.00						

MEASUREMENT BOOK

Date 1	Full description, etc. of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
24	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at one carriage of mixed material. Qty to be paid 351.19 @ RS 2633-85/1um = 924976.00						
25	Providing laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical. Qty to be paid 751.31 @ RS 2689.59/1um = 2018454.00						

Serial No.
Name of work
Name of Contractor of
Date of commencement

Date 1	Full description 2
26	Providing Emulsion cleaning Qty to be
27	Providing Emulsion kg/m ² Qty to be

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Serial No.

586606

Name of work From To

Name of Contractor or nature of Agency

Date of commencement of work

Date 1	Full description, etc. of work 2	Number 3	Dimensions			Contents 7	Reference to last Measurement 8
			Length 4	Breadth 5	Depth 6		
26)	Providing and applying Primer Coat with SS1 grade Bitumen Emulsion on Prepared surface of granular Base including cleaning of road surface.						
	Qty to be paid 3376.26 @ RS 47.13/sqm = 159124.00.						
27)	Providing and applying tack coat with RS1 Bituminous Emulsion using Emulsion Pressure distributor at rate of 0.20 kg/m ² .						
	Qty to be paid 8270 @ RS 13.47/sqm = 111397.00						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
28/	Providing and laying Dense Graded Bituminous macadam with 40/60 TPH capacity plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30						
	Qty to be Paid 315.34 @ Rs 10255.97/cum = 3234148.00						
29/	Providing and laying Bituminous concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grade premixed with bituminous binder VG-30 @ 5.4 per cent of mix and filler transporting the hot mix to work.						
	Qty to be Paid 284.30 @ Rs 11907.88/cum = 3385375.00						

X Admin

Serial No.
Name of work
Name of Contractor of
Date of commencement

Date 1	Full description 2
30/	Providing 2.5mm area, + Qty to
31/	Cost of output Qty to

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586607

Serial No.

Name of work From To

Name of Contractor of nature of Agency

Date of commencement of work

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
30	providing and laying of hot applied thermo plastic compound 2.5mm thick including reflectorising glass beads @ 250g/m ² area, thickness of 2.5mm is Exclusive of surface. qty to be Paid 274.10 @ RS 536-42/89m = 147033.00						
31	Cost of Haulage Excluding loading and unloading Taking output 10t load and lead 10km = 100t.km qty to be Paid 5604.50 @ RS 107.33/t.km = 603774.00						

VENK

Serial No.
Name of work
Name of Contractor
Date of commencement

Date	Full
1	

YENKATALA

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586608

Serial No.

Name of work

Name of Contractor of nature of Agency

Date of commencement of work

From L-675-70m
Canadian International School

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	L-506-80m Beside Yelahanka lake L-506-80m Beside Yelahanka lake INDEX ASPHALT ROAD Fencing RCC drain Rameshwar Yelahanka Sub. Division (BBMP Ynk. Zn) Yelahanka, Bangalore						

Vikas layout

MEASUREMENT BOOK

12-60-81 MAIN Rd

4th cross Rd
79-80m

3rd cross Rd
73.30m

2nd cross Rd
63.80m

1st cross Rd
73.40m

1st MAIN Rd - 71.25m

2nd MAIN Rd - 65.10m

3rd cross Rd - 65.20m

4th cross Rd - 79.80m

5th cross Rd - 73.30m

6th cross Rd - 63.80m

7th cross Rd - 73.40m

8th cross Rd - 71.25m

9th cross Rd - 65.10m

10th cross Rd - 65.20m

11th cross Rd - 79.80m

12th cross Rd - 73.30m

13th cross Rd - 63.80m

14th cross Rd - 73.40m

15th cross Rd - 71.25m

16th cross Rd - 65.10m

17th cross Rd - 65.20m

18th cross Rd - 79.80m

19th cross Rd - 73.30m

20th cross Rd - 63.80m

21st cross Rd - 73.40m

22nd cross Rd - 71.25m

23rd cross Rd - 65.10m

24th cross Rd - 65.20m

25th cross Rd - 79.80m

26th cross Rd - 73.30m

27th cross Rd - 63.80m

28th cross Rd - 73.40m

29th cross Rd - 71.25m

30th cross Rd - 65.10m

31st cross Rd - 65.20m

32nd cross Rd - 79.80m

33rd cross Rd - 73.30m

34th cross Rd - 63.80m

35th cross Rd - 73.40m

36th cross Rd - 71.25m

37th cross Rd - 65.10m

38th cross Rd - 65.20m

39th cross Rd - 79.80m

40th cross Rd - 73.30m

41st cross Rd - 63.80m

42nd cross Rd - 73.40m

43rd cross Rd - 71.25m

44th cross Rd - 65.10m

45th cross Rd - 65.20m

46th cross Rd - 79.80m

47th cross Rd - 73.30m

48th cross Rd - 63.80m

49th cross Rd - 73.40m

50th cross Rd - 71.25m

51st cross Rd - 65.10m

52nd cross Rd - 65.20m

53rd cross Rd - 79.80m

54th cross Rd - 73.30m

55th cross Rd - 63.80m

56th cross Rd - 73.40m

57th cross Rd - 71.25m

58th cross Rd - 65.10m

59th cross Rd - 65.20m

60th cross Rd - 79.80m

61st cross Rd - 73.30m

62nd cross Rd - 63.80m

63rd cross Rd - 73.40m

64th cross Rd - 71.25m

65th cross Rd - 65.10m

66th cross Rd - 65.20m

67th cross Rd - 79.80m

68th cross Rd - 73.30m

69th cross Rd - 63.80m

70th cross Rd - 73.40m

71st cross Rd - 71.25m

72nd cross Rd - 65.10m

73rd cross Rd - 65.20m

74th cross Rd - 79.80m

75th cross Rd - 73.30m

76th cross Rd - 63.80m

77th cross Rd - 73.40m

78th cross Rd - 71.25m

79th cross Rd - 65.10m

80th cross Rd - 65.20m

81st cross Rd - 79.80m

82nd cross Rd - 73.30m

83rd cross Rd - 63.80m

84th cross Rd - 73.40m

85th cross Rd - 71.25m

86th cross Rd - 65.10m

87th cross Rd - 65.20m

88th cross Rd - 79.80m

89th cross Rd - 73.30m

90th cross Rd - 63.80m

91st cross Rd - 73.40m

92nd cross Rd - 71.25m

93rd cross Rd - 65.10m

94th cross Rd - 65.20m

95th cross Rd - 79.80m

96th cross Rd - 73.30m

97th cross Rd - 63.80m

98th cross Rd - 73.40m

99th cross Rd - 71.25m

100th cross Rd - 65.10m

101st cross Rd - 65.20m

102nd cross Rd - 79.80m

103rd cross Rd - 73.30m

104th cross Rd - 63.80m

105th cross Rd - 73.40m

106th cross Rd - 71.25m

107th cross Rd - 65.10m

108th cross Rd - 65.20m

109th cross Rd - 79.80m

110th cross Rd - 73.30m

111th cross Rd - 63.80m

112th cross Rd - 73.40m

113th cross Rd - 71.25m

114th cross Rd - 65.10m

115th cross Rd - 65.20m

116th cross Rd - 79.80m

117th cross Rd - 73.30m

118th cross Rd - 63.80m

119th cross Rd - 73.40m

120th cross Rd - 71.25m

121st cross Rd - 65.10m

122nd cross Rd - 65.20m

123rd cross Rd - 79.80m

124th cross Rd - 73.30m

125th cross Rd - 63.80m

126th cross Rd - 73.40m

127th cross Rd - 71.25m

128th cross Rd - 65.10m

129th cross Rd - 65.20m

130th cross Rd - 79.80m

131st cross Rd - 73.30m

132nd cross Rd - 63.80m

133rd cross Rd - 73.40m

134th cross Rd - 71.25m

135th cross Rd - 65.10m

136th cross Rd - 65.20m

137th cross Rd - 79.80m

138th cross Rd - 73.30m

139th cross Rd - 63.80m

140th cross Rd - 73.40m

141st cross Rd - 71.25m

142nd cross Rd - 65.10m

143rd cross Rd - 65.20m

144th cross Rd - 79.80m

145th cross Rd - 73.30m

146th cross Rd - 63.80m

147th cross Rd - 73.40m

148th cross Rd - 71.25m

149th cross Rd - 65.10m

150th cross Rd - 65.20m

151st cross Rd - 79.80m

152nd cross Rd - 73.30m

153rd cross Rd - 63.80m

154th cross Rd - 73.40m

155th cross Rd - 71.25m

156th cross Rd - 65.10m

157th cross Rd - 65.20m

158th cross Rd - 79.80m

159th cross Rd - 73.30m

160th cross Rd - 63.80m

161st cross Rd - 73.40m

162nd cross Rd - 71.25m

163rd cross Rd - 65.10m

164th cross Rd - 65.20m

165th cross Rd - 79.80m

166th cross Rd - 73.30m

167th cross Rd - 63.80m

168th cross Rd - 73.40m

169th cross Rd - 71.25m

170th cross Rd - 65.10m

171st cross Rd - 65.20m

172nd cross Rd - 79.80m

173rd cross Rd - 73.30m

174th cross Rd - 63.80m

175th cross Rd - 73.40m

176th cross Rd - 71.25m

177th cross Rd - 65.10m

178th cross Rd - 65.20m

179th cross Rd - 79.80m

180th cross Rd - 73.30m

181st cross Rd - 63.80m

182nd cross Rd - 73.40m

183rd cross Rd - 71.25m

184th cross Rd - 65.10m

185th cross Rd - 65.20m

186th cross Rd - 79.80m

187th cross Rd - 73.30m

188th cross Rd - 63.80m

189th cross Rd - 73.40m

190th cross Rd - 71.25m

191st cross Rd - 65.10m

192nd cross Rd - 65.20m

193rd cross Rd - 79.80m

194th cross Rd - 73.30m

195th cross Rd - 63.80m

196th cross Rd - 73.40m

197th cross Rd - 71.25m

198th cross Rd - 65.10m

199th cross Rd - 65.20m

200th cross Rd - 79.80m

201st cross Rd - 73.30m

202nd cross Rd - 63.80m

203rd cross Rd - 73.40m

204th cross Rd - 71.25m

205th cross Rd - 65.10m

206th cross Rd - 65.20m

207th cross Rd - 79.80m

208th cross Rd - 73.30m

209th cross Rd - 63.80m

210th cross Rd - 73.40m

211th cross Rd - 71.25m

212th cross Rd - 65.10m

213th cross Rd - 65.20m

214th cross Rd - 79.80m

215th cross Rd - 73.30m

216th cross Rd - 63

Date	F
1	

1

M. A. R. 57 (Rule 116)
Measurement Book

No. E

Serial No.

Name of work From To 586609

Name of Contractor or nature of Agency

Date of commencement of work

Date	Full description, etc. of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	
1	Bill Amount:	3	4	5	6	7
	(+) GST				1st part Bill -	001.23.00017
	TOTAL 3629000.00				Audited & Admitted For Rs. 3629000.00	
	Less:				By Ch Rs. 3447205.00 (in Words)	
	I. Tax 72500.00				For Rs. 1817945.00	And by Adjustment
	SGST 307543.00					
	CGST 307543.00					
	BCWWC 362900.00					
	CBF 3629.00					
	ROYALTY 110530.00					
	FINE -					
	FSD -					
	GRAT -					
	TOTAL 1817945.00					
	3447205.00					

Account Subdnt 24/23

Exe Engineer
B.M.P Bangalore